



PTO/SB/17 (10-03)  
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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 275.00

## Complete if Known

Application Number 09/466568  
Filing Date December 17, 1999  
First Named Inventor Gerald R. Crabtree  
Examiner Name T. A. McKelvey  
Art Unit 1636  
Attorney Docket No. APBI-P16-316

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 18-1945

Deposit Account Name Ropes & Gray LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 770      | 2001         | 385      | Utility filing fee     |          |
| 1002         | 240      | 2002         | 120      | Design filing fee      |          |
| 1003         | 530      | 2003         | 265      | Plant filing fee       |          |
| 1004         | 770      | 2004         | 385      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |

SUBTOTAL (1) (\$) 0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

|                    | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total Claims       | -20** =      | x              | =        |
| Independent Claims | -3** =       | x              | =        |
| Multiple Dependent |              |                | =        |

| Large Entity |          | Small Entity |          | Fee Description                                            |
|--------------|----------|--------------|----------|------------------------------------------------------------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                                                            |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                     |
| 1201         | 86       | 2201         | 43       | Independent claims in excess of 3                          |
| 1203         | 290      | 2203         | 145      | Multiple dependent claim, if not paid                      |
| 1204         | 86       | 2204         | 43       | ** Reissue independent claims over original patent         |
| 1205         | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity        |          | Small Entity            |          | Fee Description                                                            | Fee Paid |
|---------------------|----------|-------------------------|----------|----------------------------------------------------------------------------|----------|
| Fee Code            | Fee (\$) | Fee Code                | Fee (\$) |                                                                            |          |
| 1051                | 130      | 2051                    | 65       | Surcharge - late filing fee or oath                                        |          |
| 1052                | 50       | 2052                    | 25       | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053                | 130      | 1053                    | 130      | Non-English specification                                                  |          |
| 1812                | 2,520    | 1812                    | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804                | 920*     | 1804                    | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805                | 1,840*   | 1805                    | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251                | 110      | 2251                    | 55       | Extension for reply within first month                                     | 55.00    |
| 1252                | 420      | 2252                    | 210      | Extension for reply within second month                                    |          |
| 1253                | 950      | 2253                    | 475      | Extension for reply within third month                                     |          |
| 1254                | 1,480    | 2254                    | 740      | Extension for reply within fourth month                                    |          |
| 1255                | 2,010    | 2255                    | 1,005    | Extension for reply within fifth month                                     |          |
| 1401                | 330      | 2401                    | 165      | Notice of Appeal                                                           |          |
| 1402                | 330      | 2402                    | 165      | Filing a brief in support of an appeal                                     |          |
| 1403                | 290      | 2403                    | 145      | Request for oral hearing                                                   |          |
| 1451                | 1,510    | 1451                    | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452                | 110      | 2452                    | 55       | Petition to revive - unavoidable                                           |          |
| 1453                | 1,330    | 2453                    | 665      | Petition to revive - unintentional                                         |          |
| 1501                | 1,330    | 2501                    | 665      | Utility issue fee (or reissue)                                             |          |
| 1502                | 480      | 2502                    | 240      | Design issue fee                                                           |          |
| 1503                | 640      | 2503                    | 320      | Plant issue fee                                                            |          |
| 1460                | 130      | 1460                    | 130      | Petitions to the Commissioner                                              |          |
| 1807                | 50       | 1807                    | 50       | Processing fee under 37 CFR 1.17(q)                                        |          |
| 1806                | 180      | 1806                    | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021                | 40       | 8021                    | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809                | 770      | 2809                    | 385      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810                | 770      | 2810                    | 385      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801                | 770      | 2801                    | 385      | Request for Continued Examination (RCE)                                    |          |
| 1802                | 900      | 1802                    | 900      | Request for expedited examination of a design applicatio                   |          |
| Other fee (specify) | 55       | Terminal Disclaimer (4) |          |                                                                            | 220.00   |

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 275.00

## SUBMITTED BY

Name (Print/Type) Melissa S. Rones, Ph.D.

Registration No. (Attorney/Agent) 54,408

## (Complete if applicable)

Telephone (617) 951-7653

Signature

Date

October 4, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 10/4/04

Signature:

(Ginny Blundell)